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JC893 U.S. PTO  
09/660924  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Assistant Commissioner For Patents  
Washington, D.C. 20231

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of James E. Dahlberg, Mary Ann D. Brow and Victor I. Lyamichev for **Rapid Detection and Identification of Pathogens**.

## CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **September 13, 2000** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EK 898 390 914** US addressed to: **Box Patent Application, Assistant Commissioner For Patents, Washington, D.C. 20231**.

  
 Mary Ellen Waite

## 1. Type Of Application

This new application is for a(n)

- ☒ Original (nonprovisional)  
☒ Continuation.

## 2. Benefit Of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

- ☒ The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are **ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**.

## 3. Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

402 Pages of Specification  
 6 Pages of Claims  
 1 Page of Abstract  
 110 Sheets of Informal Drawings

## 4. Additional Papers Enclosed

- ☒ Preliminary Amendment

## 5. Declaration

- ☒ Enclosed  
☒ Unexecuted.

## 6. Inventorship Statement

The inventorship for all the claims in this application is:

- ☒ the same

## 7. Language

- ☒ English

## 8. Fee Calculation (37 C.F.R. § 1.16)

- ☒ Regular application

## CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee - \$760.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	34 - 20 =	14 × \$18.00 =	\$252.00
Independent Claims (37 C.F.R. § 1.16(b))	6 - 3 =	3 × \$78.00 =	\$234.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	+ \$260.00 =		\$0.00
Filing Fee Calculation			\$1246.00

9. Small Entity Statement(s)

- ☒ Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27 is(are) attached.

Filing Fee Calculation (50% of above) \$623.00

10. Fee Payment Being Made At This Time

- ☒ Enclosed  
☒ basic filing fee

\$623.00

Total Fees Enclosed \$623.00

11. Method of Payment of Fees

- ☒ Check in the amount of \$623.00

12. Authorization To Charge Additional Fees and Credit Overpayment

- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.


13. Power of Attorney by Assignee

- ☒ Enclosed (unexecuted)

14. Return Receipt Postcard

- ☒ Enclosed

Dated: September 13, 2000

  
David A. Casimir  
Registration No.: 42,395

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☒ Incorporation By Reference Of Added Pages

- ☒ Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s) Claimed

Number of pages added 1

ADDED PAGES FOR APPLICATION TRANSMITTAL  
WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

15. Relate Back

A. 35 U.S.C. § 119(e)

B. 35 U.S.C. §§ 120, 121 and 365(c)

- ☒ Amend the Specification by inserting before the first line the sentence: "This is a Continuation of co-pending application U.S. Patent Appln. Ser. No. 08/520,946, filed January 15, 1998, which is a Continuing Patent Application of U.S. Patent Appln. Ser. No. 08/520,946, filed August 30, 1995, which is a Continuation-in-Part application of U.S. Patent Appln. Ser. No. 08/484,956, filed June 7, 1995, now U.S. Patent No. 5,843,654, issued December 1, 1998, which is a Continuation-in-Part application of U.S. Patent Appln. Ser. No. 08/402,601, filed March 9, 1995, now abandoned and the Continuation U.S. Patent Appln. Ser. No. 08/802,233, filed February 19, 1997, now U.S. Patent No. 5,888,780, issued March 30, 1997, which is a Continuation-In-Part Application of Application Serial No. 08/337,164, filed November 9, 1994 and the Continuation U.S. Patent Appln. Ser. No. 08/789,079, filed February 6, 1997, now U.S. Patent No. 5,719,028, issued February 17, 1998, which is a Continuation-In-Part Application of Application Serial No. 08/254,359, filed June 6, 1994, now U.S. Patent No. 5,614,402, issued March 25, 1997, which is a Continuation-In-Part Application of Application Serial No. 08/073,384, filed June 4, 1993, now U.S. Patent No. 5,541,311, issued June 30, 1996, which is a Continuation-In-Part Application of Application Serial No. 07/986,330, filed December 7, 1992, now abandoned. The present application also claims priority to U.S. Patent Appln. Ser. No. 08/471,066, filed June 6, 1995, now U.S. Patent No. 5,837,450, issued November 17, 1998, which is a Divisional application of U.S. Patent Appln. Ser. No. 08/254,359, listed above, U.S. Patent Appln. Ser. No. 08/481,238, filed June 6, 1995, now U.S. Patent No. 5,795,763, issued August 18, 1998, which is a Divisional application of U.S. Patent Appln. Ser. No. 07/986,330, listed above, and U.S. Patent Appln. Ser. No. 08/483,043, filed June 6, 1995, now U.S. Patent No. 5,691,142, issued November 25, 1997, which is a Divisional application of U.S. Patent Appln. Ser. No. 07/986,330, listed above."